

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/000970

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G09F11/12

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G09F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 678 333 A (AIKEN, SR. ET AL) 21 October 1997 (1997-10-21)	1,2,5-7, 17
Y	column 9, line 8 - column 10, line 66; figures 10-23	8,9, 12-14,16
Y	DE 44 34 310 A1 (SMA STAHL-, MASCHINEN- UND ANLAGENBAU GMBH BORKEN, 39576 STENDAL, DE) 28 March 1996 (1996-03-28) the whole document	8,9, 12-14,16
A	US 5 953 840 A (SIMSON ET AL) 21 September 1999 (1999-09-21) column 10, line 33 - line 36; figures 8,9	1-17

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

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Date of the actual completion of the international search

21 March 2005

Date of mailing of the international search report

01/04/2005

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CA2004/000970

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5678333	A	21-10-1997	US 5410830 A	02-05-1995
			US 5983546 A	16-11-1999
			AU 3973593 A	18-11-1993
			WO 9321621 A1	28-10-1993
DE 4434310	A1	28-03-1996	NONE	
US 5953840	A	21-09-1999	US 5717424 A	10-02-1998
			US 5493802 A	27-02-1996
			US 5410330 A	25-04-1995
			US 6247256 B1	19-06-2001
			AU 6964494 A	20-12-1994
			WO 9428535 A1	08-12-1994
			US 5517778 A	21-05-1996

Form PCT/CA210 (patent family annex) (January 2004)